

Overview

TRIUMPH RRGBB 68000, TRIUMPH RRGB 48000 and TRIUMPH RRGB 36000 is a full-color laser projector line that output immense laser power. With 4 or 5 wavelengths incorporated respectively, they give you unlimited power as well as wider color gamut.



Front Panel



Rear Panel

Specifications

Spec Power @ Light Source			
	TRIUMPH RR GBB 68000	TRIUMPH RR GB 48000	TRIUMPH RR GB 36000
R:	10000 mW@637nm	8000 mW@637nm	6000 mW@637nm
R:	10000 mW@650nm	8000 mW@650nm	6000 mW@650nm
G:	24000 mW@520nm	16000 mW@520nm	12000 mW@520nm
B:	12000 mW@445nm	16000 mW@445nm	12000mW@445nm
B:	12000 mW@460nm	N/A	N/A

Total Output @ Projector window

TRIUMPH **RRGBB** 68000

60000 mW

TRIUMPH **RRGB** 48000

40000 mW

TRIUMPH **RRGB** 36000

30000 mW

Beam Profile

Beam Diameter (Projector Window) :

TRIUMPH **RRGBB** 68000

10mm * 10mm

TRIUMPH **RRGB** 48000

8mm * 8mm

TRIUMPH **RRGB** 36000

6mm * 6mm

Divergence (Full angle) :

R : DIV-X = 0.9mrad , DIV-Y = 1.2mrad

G : DIV-X = 1.5mrad , DIV-Y = 0.3mrad

B : DIV-X = 1.5mrad , DIV-Y = 0.3mrad

Modulation : Analog 50KHZ

Laser Class : Class IV

Scanner

Galvo : EMS 8000 Digital

Scan Angle : 54 degree Max (Optical)

Interfaces & Controls

Control : ILDA in (Differential) , ILDA out

Safety : Key Switch

Remote Interlock : 3 pins XLR (while no FB4 is embedded)

Scan Image adjustment : Invert – X , Invert – Y , size adjustments

Color adjustment : Intensity R, G, B (0-100%)

Mains : Neutrik PowerCon® or Neutrik True Con

Optional Components

Embedded Controller: Pangolin FB4 (upon request)

Thermal Control

Cooling : Active Cooling/heating by TEC Peltier Elements

Ventilation : Low noise fan

PRODUCT INFORMATION

TRIUMPH **RRGBB** FAMILY



Electric

Operating Voltage : AC 110V-265V

Power Consumption: 1,350W Max

Physical

L * W * H : 410mm * 620mm * 377mm (Without Yoke)

Weight : 60 kg (Without Yoke)

Housing Materials : Black Anodized Aluminum

IP grade : IP54

Packaging : Flight case

Compliance

Compliance FDA/CDRH, CE, RoHS

Warranty

Warranty 24 months parts and labor

* The above specifications subject to change without prior notice